FAILURE AND SOLUTION

Failure	Solutions
No Power	 Check cells to confirm whether cells are properly installed; The cell volume may be insufficient; Cells may have been damaged. Change into new battery.
Poor receiving signals	 Press Up key to increase Volume; The receiving signals may become weak or go beyond receiving range; Hold the watch walkie to higher. In order to have the ideal effect,
Unable to change channels	 In changing channels, press Menu key until the channel numbers flash on the display screen; Press Up key or Down key to change channels; Cell volume may be insufficient.
Limited receiving range	 Cell volume may be insufficient; In the case of any indication of insufficient cell volume, recharge the cells; The effective receiving range is affected by terrain or environment; The receiving range may be the greatest if it is in the open air. tured buildings, or the corners of streets, or factory buildings, or in cars, the receiving range will be seriously affected; Check the position of the antenna. In order to have the ideal effect, please place the antenna upwards.
Distortion of sound	 In sending messages, your mouth must be 5 centimeters away from the microphone and talk in a normalvoice; In receiving signals, please regulate volume to an appropriate level; Both talkers must keep apart by 2 meters at least or even farther; The both sides may be too far away, or there is an obstacle that hinders the sending of signals. If there is no obstacle between the two sides, the talk range is up to 7 kilometers.

FCC & CE1313 & ROSH



G-270ST/G-280ST USER MANUAL

Welcome to Use G-270ST / G-280ST

Please read carefully this user's manual in order to have a better understanding of all functions of watch talkers. G-270ST/G-280ST double-way

Principal Characteristics of this Unit

- Watch type with adjustable watch band;
- This radio was made in TXCO control and one-to-more radios communication:
- FM Radio from 87.50MHz to 108MHz ;
- With effective communicative distance up to 7 kilometers in open apace but no guarantee;
- CTCSS and DCS 1-99 sub-channel encode & decode;
- Voice scrambler get more privacy:
- VOX, voice activate PTT with 1-3 level selection;
- Clock alarm & SOS emergency alarm ;
- 12-hour/pm display.
- Stop watch
- Keypad Lock function.
- USB charging with battery protection circuit .
- using 3×AAA size battery in G-066ST/A3

Liquid Crystal Display Screen

- 1. Channel numbers (00): Display the current channel
- 2. FM: FM Radio from 87.50MHz to 108MHz
- 3. CT : 1-38 CTCSS sub-channel
- 4. DCS: 39-99 DCS sub-channel
- 5. VOX: Voice activate PTT
- 6. SCRA: Voice scrambler
- 7. Transmission indicator: Indicator in the time of sending messages:
- 8. Receiving indicator: indicator in the time of receiving messages;
- 9. Volume level bar : Display the current volume setup;
- 10. SOS : Emergency alarm call
- 11. Clock alarm;
- 12. Battery capacity display
- 13. 12 hour/pm time display
- 14. Keypad Lock function

Description of Structure

1. POWER/MENU key (Continue Press this key to select "Key Lock" & "Power On/Off")

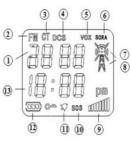
When you press the key shortly, it give short music sound to start the menu on; and press this key again to go to different "Menu Mode"

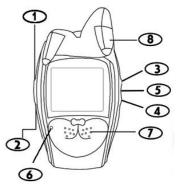
2. PTT key (Press To Talk / CALL (Call alert) : Keep pressing

this key to send voice message, and quickly press it twice to send CALL alert tone:

 $3.\,\mathrm{UP}$ key : Adjust volume (in the default state), Adjust channels and time in the MENU state;

- 4. DOWN key : Adjust volume (in the default state), Adjust channels and; time in the \mbox{MENU} state
- 5. Earpiece/Charging plug : Option to be provided by supplier.
- 6. MIC : Built-in microphone;
- 7. Speaker : Built-in speaker;
- 8. Antenna : For TX/RX





Points for Attention

This unit is in compliance with the communication control standards, so the following rules and regulations must be observed:

- 1. While you use the unit, we do not guarantee that secrets will not be disclosed in communication:
- 2. There must not be any harmful interference to be caused when you use this unit. This unit must accept interference, if any;
- 3. Any unauthorized changes in or adjustment of the built-in setup such as changing frequency, launching power, or extending antennas, etc beyond the specified range are illegal acts, or even lead to a breach of telecommunication management and control:
- 4. Do not use this unit where there is danger, including gas stations, hospitals, airports or any other gas or electric places without shield protection:
- 5. Do not use any detergent or thinner to wipe or clean this unit. Only use dry, alkaline-free or well-distributed soft cloth to clean batteries. etc:
- 6. You can have an ideal talking effect. Please put the antenna upward during the intercommunication of the talker, and keep it 5 centimeters away from your face talking in your normal voice:
- 7. This talker has inner cell protection functions. If you do not use it for long, please take out the cells;

Battery Installation

Battery (attached with the unit) is applied to this talker. The installation and replacement of cells are described as follows:

- 1. Press down the fixed button on the side of the battery cover of this unit to open the battery
- In the time of installing the new battery, please place the batteries cell into the cell compartment. In installation, please note the polarity within the compartment and the cell itself: and
- 3. Put the cell compartment where it is and lock tightly the fixed button for the cell cover.







! Special Caution: Never inserting indicated USB device for charging, Or this item si not installed with battery !!!

This talker has (Option) USB charging cable and can charge the rechargeable battery in the following:

- 1. Lift up the earphone /charger jack cover on the side of this unit;
- 2. Connect USB cable (option) into charging devise such as computer or USB AC adaptor.
- 3. Connect USB cable (Option) to the earphone/charger plug, In the charging process, the battery icon will be flashed when charging. If it become fully charge, the battery icon will constant. Note: For the first time charging, please charge the rechargeable battery for as long as 12 hours.

After completion charging, you must take out the USB cable to leave from the radio, it avoid radio become damaged.

Low Battery Operation

When the battery icon is detected as low voltage, the battery icon bar will reduce and until empty battery bar. When you heard low voltage alert sound, it is necessary to charge the battery otherwise it will work not properly. When you still not charge the battery for certain time, the radio will be auto-off (with time display screen only) It will quite from walkie talkie mode and you should charge the battery at least 6 hours before you use it again.

Menu Setting

1st Press MENU button : CHANNEL mode, you can press Up/Down key to select your channel;

2nd Press MENU button : CTCSS & DCS mode, 1-99 sub-channel, you can press Up/Down key to select your sub-channel;

3rd Press MENU button: VOX mode, voice activate PTT with off, 1-3 level selection, you can press Up/Down

key to select your ON-OFF with 1-3 VOX level selection

4th Press MENU button: TIME DISPLAY mode, 12 HOURS selection. ("Blank" display show as 24:00 to 11:59,

"pm" display show as 12:00 to 23:59)

5~h Press MENU button : TIME DISPLAY mode, MINUTES selection. ("Blank" display show as 24:00~to~11:59 ,

"pm" display show as 12:00 to 23:59)

6th Press MENU button : CLOCK ALARM mode, you can press Up/Down key to select your clock alarm ON-OFF. If you

select ON, you need continue to select the clock alarm time.

7th Press MENU button : CALL ALERT TONE mode, you can press Up/Down key to select your call

tone (9 call tome selection).

8th Press MENU button : VOICE SCRAMBLER mode, you can press Up/Down key to select voice scrambler ON-OFF.

9th Press MENU button : STOP WATCH mode, you can press Up/Down key to start the time counting of stop watch,

then press Up/Down key to stop the time counting of stop watch.

10th Press MENU button: SOS mode, you can press Up/Down key to select SOS emergency alarm ON-OFF with 3-5, 5-5

10-5 alarm time selec-tion. If you select ON with desired alarm time, then you see SOS icon constant, To activate SOS emergency alarm, you need press DOWN key until SOS icon become

flash, then alarm sound will be continue calling until you press DOWN key again and see

Special Kev Setting

● POWER/MENU kev :

Press POWER/MENU button: Continue Press this key to approximate 3 second, "Key Lock" function will be activate.

Continue Press this key to approximate 5 second, this walkie wil be turn ON, or turn OFF (go to Time Mode).

● FM RADIO mode :

Press & Hold UP button: Activate FM radio, you can press Up/Down key to select your desired radio channel from 87.50MHz to 108.00MHz. If you press & hold UP button again, it will exit from radio mode.

Using Earphone

- Lift up the earphone/charger jack cover on the side of the unit;
- Insert the earphone plug into the earphone/charger jack and adjust the location of your earphone;
- Set the talker into the VOX mode. When the VOX function is set to ON, you do not have to keep pressing the earphone/talk key for any talks. When the VOX function is set to OFF, keep pressing the earphone talk key for talks; and
- When you use your earphone to hear the other side talk, press Up key or Down key to adjust volume to an appropriate level.

Technical Specifications

License free country: Europe/Hongkong/Japan/USA for your option

Channels available: 8/20/21/22 channels for your option

Operating frequency: 446/409/422/462MHz

Power: 3.7V lithium battery Output power: 0.5W maximum

Service life of cells: On the basis of services

Receiving range: up to 7km (in open space but no guarantee)

USB charging: ~ 5V DC
TX power current: ~ 300 mA
RX power current: ~ 100 mA
Standby current: ~ 50 mA
Time mode current: ~ 5mA